



REPORT OF LABORATORY EXAMINATION

Client: Village Center Veterinary Care (63894)
 710 Village Center Drive
 Colorado Springs, CO 80919

Owner: Rudy/Rudy, Bryan Scott/Catherine

Rcvd Date: 7/26/2022 4:50:00 PM
 Admitted By: Not, Legible
 Ordered By: Not, Legible
 Encounter: 03338150
 CR#: AP

Animal: LAKOTAASPENPEAKVOMFURS MRN: DN63141602
 Species: Canine Breed: German Shepherd
 Age: 2 years Gender: Female
 Tag/Reg ID: WDR Lakota Aspen Peak Vom Furstenhund
 Other ID:

Endocrinology

Endocrine History

Collected Date/Time (If Provided)	07/25/2022 16:52:00		
Procedure		Ref Range	Units
Sample temperature	62		DegF

Endocrine Results

Collected Date/Time (If Provided)	07/25/2022 16:52:00		
Procedure		Ref Range	Units
Free T4 by dialysis (RIA)	23	[6-42]	pmol/L
Thyroid Stimulating Hormone (CLIA) *	0.07	[0.00-0.58]	ng/mL
Thyroglobulin Autoantibody (ELISA) *	0		%
OFA Classification	See Below		
Total Thyroxine (T4) (CLIA) OFA *	32	[9-52]	nmol/L
Total Triiodothyronine (T3) (RIA) *	1.6	[0.8-2.1]	nmol/L
T4 Autoantibody (RIA)	9	[0-20]	%
T3 Autoantibody (RIA)	4	[0-10]	%

07/25/2022 16:52:00 OFA Classification
 OFA CLASSIFICATION = NORMAL

Brian Petroff D.V.M. Ph.D.
 Endocrinology Section, MSU VDL

L = Low Result; H = High Result; @ = Critical Result; ^ = Corrected Result; * = Interpretive Data; # = Result Footnote

Admitted By: Not, Legible
Encounter: 03338150

Species: Canine
Animal:
LAKOTAASPENPEAKVOMFURS

MRN: DN63141602
Owner: Rudy/Rudy, Bryan
Scott/Catherine

E n d o c r i n o l o g y

Endocrine Results

7/25/2022 4:52:00 PM Thyroid Stimulating Hormone (CLIA):

The Endocrine Section at DCPAH has adopted a chemiluminescent immunometric assay for measurement of canine TSH (Immulite 2000 XPi). This assay has been used in many clinical studies in dogs and cats. With this change, we will now be reporting results in ng/mL, the commonly used units for this assay.

7/25/2022 4:52:00 PM Thyroglobulin Autoantibody (ELISA):

< 10% Negative
10 - 25 % Inconclusive
> 25% Positive

7/25/2022 4:52:00 PM Total Thyroxine (T4) (CLIA) OFA:

Canine and feline total T4 methodology: Total T4 is now measured in canine and feline sera using a commercially available automated chemiluminescent assay (Immulite 2000xpi assay L2KCT2). The assay is used by a number of laboratories for companion animals. Within our laboratory, total T4 as measured by a previously validated radioimmunoassay method and the Immulite 2000xpi in 160 canine and 154 feline samples gave results that were highly correlated ($r > 0.938$). We will continue to measure total T4 in other species with the previous radioimmunoassay.

7/25/2022 4:52:00 PM Total Triiodothyronine (T3) (RIA):

The MSU VDL's thyroid testing will no longer include measurement of free T3. Endocrinology laboratory will continue to assess T3, the active form of thyroid hormone, as total T3.

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